



AMENDED DECLARATION FOR PATENT APPLICATION

As a ~~being~~ named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled EFFICIENT, TRANSPARENT AND FLEXIBLE VALUE SAMPLING, the specification of which

(check one) _____ is attached hereto.

X was filed on September 22, 1999 as
Application Serial No. 09/401,616
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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| (Number) | (Country) | (Day/Month/Year Filed) | Yes | No |
|----------|-----------|------------------------|-------|-------|
| _____ | _____ | _____ | _____ | _____ |
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(patented, pending, abandoned)

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(patented, pending, abandoned)

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Direct all telephone calls to Gary S. Williams at (650) 493-4935.

Address all correspondence to:

PENNIE & EDMONDS LLP
3300 Hillview Avenue
Palo Alto, California 94304

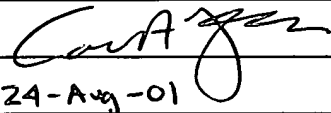
File No. 9772-0031-999

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Full name of **sole or**
first inventor:

CARL A. WALDSPURGER

Inventor's signature:



Date:

24-Aug-01

Residence:

27 PARK DRIVE, ATHERTON, CALIFORNIA

Citizenship:

U.S.A.

Post Office Address:

27 PARK DRIVE

ATHERTON, CALIFORNIA 94027

Full name of
second inventor:

WILLIAM E. WEIHL

Inventor's signature:

Date:

Residence:

280 CLIPPER STREET, SAN FRANCISCO, CALIFORNIA

Citizenship:

U.S.A.

Post Office Address:

280 CLIPPER STREET

SAN FRANCISCO, CALIFORNIA 94111

Full name of
third inventor: MICHAEL BURROWS

Inventor's signature: _____

Date: _____

Residence: 3143 DAVID COURT, PALO ALTO, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 3143 DAVID COURT
PALO ALTO, CALIFORNIA 94303

Full name of
fourth inventor: ULFAR ERLINGSSON

Inventor's signature: _____

Date: _____

Residence: Freyjugata 10, IS-101 Reykjavik, Iceland

Citizenship: ICELAND

Post Office Address: Freyjugata 10
IS-101 Reykjavik, Iceland

Full name of
fifth inventor: ANDREI Z. BRODER

Inventor's signature: _____

Date: _____

Residence: 600 B SHARON PARK DRIVE, MENLO PARK, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 600 B SHARON PARK DRIVE, #206
MENLO PARK, CALIFORNIA 94025

Full name of
sixth inventor: MICHAEL MITZENMACHER

Inventor's signature: _____

Date: _____

Residence: 9 BATES ROAD, LEXINGTON, MA 02421

Citizenship: U.S.A.

Post Office Address: 9 BATES ROAD
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Date:

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Citizenship:

U.S.A.

Post Office Address:

27 PARK DRIVE

ATHERTON, CALIFORNIA 94027

Full name of

second inventor:

WILLIAM E. WEIHL

Inventor's signature:

Date:

5/17/01

Residence:

280 CLIPPER STREET, SAN FRANCISCO, CALIFORNIA

Citizenship:

U.S.A.

Post Office Address:

280 CLIPPER STREET

SAN FRANCISCO, CALIFORNIA 94111

Full name of
third inventor: MICHAEL BURROWS

Inventor's signature: _____

Date: _____

Residence: 3143 DAVID COURT, PALO ALTO, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 3143 DAVID COURT
PALO ALTO, CALIFORNIA 94303

Full name of
fourth inventor: ULFAR ERLINGSSON

Inventor's signature: _____

Date: _____

Residence: Freyjugata 10, IS-101 Reykjavik, Iceland

Citizenship: ICELAND

Post Office Address: Freyjugata 10
IS-101 Reykjavik, Iceland

Full name of
fifth inventor: ANDREI Z. BRODER

Inventor's signature: _____

Date: _____

Residence: 600 B SHARON PARK DRIVE, MENLO PARK, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 600 B SHARON PARK DRIVE, #206
MENLO PARK, CALIFORNIA 94025

Full name of
sixth inventor: MICHAEL MITZENMACHER

Inventor's signature: _____

Date: _____

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Citizenship: U.S.A.

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(Application Serial No.)

(Filing Date)

(Status)
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Inventor's signature: _____

Date: _____

Residence: 27 PARK DRIVE, ATHERTON, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 27 PARK DRIVE
ATHERTON, CALIFORNIA 94027

Full name of **second** inventor: WILLIAM E. WEIHL

Inventor's signature: _____

Date: _____

Residence: 280 CLIPPER STREET, SAN FRANCISCO, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 280 CLIPPER STREET
SAN FRANCISCO, CALIFORNIA 94111

Full name of
third inventor: MICHAEL BURROWS

Inventor's signature: M. Burrows

Date: 14th May 2001

Residence: 3143 DAVID COURT, PALO ALTO, CALIFORNIA

Citizenship: U.S.A.

Post Office Address: 3143 DAVID COURT
PALO ALTO, CALIFORNIA 94303

Full name of
fourth inventor: ULFAR ERLINGSSON

Inventor's signature: _____

Date: _____

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Full name of

second inventor:

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Inventor's signature: _____

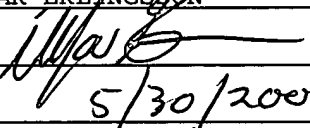
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Citizenship: U.S.A.

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Full name of
fourth inventor: ULFAR ERLINGSSON

Inventor's signature: 

Date: 5/30/2001

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Citizenship: ICELAND

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IS-101 Reykjavik, Iceland

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Inventor's signature: _____

Date: _____

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Citizenship: U.S.A.

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MENLO PARK, CALIFORNIA 94025

Full name of
sixth inventor: MICHAEL MITZENMACHER

Inventor's signature: _____

Date: _____

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Date: _____
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Citizenship: ICELAND
Post Office Address: Freyjugata 10
IS-101 Reykjavik, Iceland

Full name of
fifth inventor: ANDREI Z. BRODER
Inventor's signature: *Andrei Broder*
Date: 8/8/2000.
Residence: 600 B SHARON PARK DRIVE, MENLO PARK, CALIFORNIA
Citizenship: U.S.A.
Post Office Address: 600 B SHARON PARK DRIVE, #206
MENLO PARK, CALIFORNIA 94025

sixth Full name of
~~fourth~~ **sixth** inventor: MICHAEL MITZENMACHER
Inventor's signature: _____
Date: _____
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sixth inventor: MICHAEL MITZENMACHER

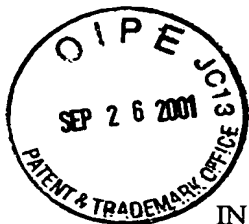
Inventor's signature: *Michael Mitzenmacher*

Date: 5/14/01

Residence: 9 BATES ROAD, LEXINGTON, MA 02421

Citizenship: U.S.A.

Post Office Address: 9 BATES ROAD
LEXINGTON, MA 02421



09-28-01

#4
2122
10-5-01

EXPRESS MAIL: EL 452 481 357 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

WALDSPURGER et al.

Application No.: 09/401,616

Filed: September 22, 1999

For: *Efficient, Transparent and Flexible
Value Sampling*

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

Attorney Docket No.: 9772-0031-999

REQUEST TO AMEND INVENTORSHIP

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
OCT 04 2001
Technology Center 2100

Sir:

Applicants' attorney hereby requests, pursuant to 37 C.F.R. §1.48(a), to amend the above-identified application by adding as joint inventors Andrei Z. Broder and Michael Mitzenmacher.

In support of this request, enclosed herewith is a statement from Andrei Z. Broder and Michael Mitzenmacher that the error in inventorship occurred without deceptive intention on his part; a Declaration by the actual inventors as required by 37 C.F.R. §1.63; written consent of the assignee; and an Assignment executed by Andrei Z. Broder and Michael Mitzenmacher to Compaq Computer Corporation; and the fee of \$130 pursuant to 37 C.F.R. §1.17(i).

It is respectfully submitted that this request and the documents in support thereof establish that the above-identified application was filed through error without deceptive intent, and that the application be amended to add Andrei Z. Broder and Michael Mitzenmacher as joint inventors.

The Commissioner is hereby authorized to charge any required fees, or credit any overpayments to our Deposit Account No. 16-1150 (order no. 9772-0031-999). A copy of this sheet is enclosed for such purpose.

Respectfully submitted,

Date September 26, 2001

Gary S. Williams

31,066

(Reg. No.)

PENNIE & EDMONDS LLP
3300 Hillview Avenue
Palo Alto, CA 94304
(650) 493-4935



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Art Unit: 2784
)
WALDSPURGER *et al.*)
)
Serial No. 09/401,616) Examiner:
)
Filed: September 22, 1999)
)
For: EFFICIENT, TRANSPARENT AND)
FLEXIBLE VALUE SAMPLING)
_____)

DECLARATION OF ANDREI Z. BRODER
PURSUANT TO 37 CFR 1.48(a)

Commissioner of Patents and Trademarks
Washington, D.C. 20231

RECEIVED

OCT 04 2001

Technology Center 2100

Sir:

I, declare that:

1. I am an actual inventor of the subject matter disclosed and claimed in the above-identified application.

2. Through error without deceptive intent on my part, the executed oath and declaration filed for this application omitted to name me as a joint inventor.

Date: 8/8/2000.

A. Broder
Andrei Z. Broder



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Art Unit: 2784
)
WALDSPURGER *et al.*)
)
Serial No. 09/401,616) Examiner:
)
Filed: September 22, 1999)
)
For: EFFICIENT, TRANSPARENT AND)
FLEXIBLE VALUE SAMPLING)
_____)

DECLARATION OF MICHAEL MITZENMACHER
PURSUANT TO 37 CFR 1.48(a)

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

RECEIVED
OCT 04 2001
Technology Center 2100

I, declare that:

1. I am an actual inventor of the subject matter disclosed and claimed in the above-identified application.
2. Through error without deceptive intent on my part, the executed oath and declaration filed for this application omitted to name me as a joint inventor.

Date: May 14, 2001

Michael Mitzenmacher
Michael Mitzenmacher



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:
WALDSPURGER et al.

Application No.: 09/401,616

Filed: September 22, 1999

For: *Efficient, Transparent and Flexible
Value Sampling*

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

Attorney Docket No.: 9772-0031-999

CONSENT OF ASSIGNEE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The assignee of record, COMPAQ COMPUTER CORPORATION/DIGITAL EQUIPMENT CORPORATION, hereby consents to the amendment of inventorship, adding Andrei Z. Broder and Michael Mitzenmacher as joint inventors in the above identified application.

COMPAQ COMPUTER CORPORATION/
DIGITAL EQUIPMENT CORPORATION




Date: 20 Sep 01

By:

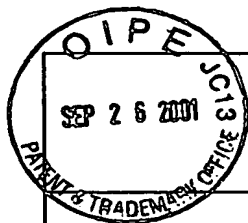
Richard P. Lange
Richard P. Lange
Assistant Secretary

Express Mail No. EL 452 481 357 USRECORDATION FORM COVER SHEET
PATENTS ONLYAttorney Docket Number
9772-0031-999TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

| | | | | | | | | | | | | | |
|--|---------------|---|---------------------------|-------------------------|---------------|--|---------------------------|------------------------|----------|-----------|------|--|----------|
| 1. Name of conveying party(ies): <u>Andrei Z. BroderMichael Mitzenmacher</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 2. Name and address of receiving party(ies): Name: <u>Compaq Computer Corporation</u> Address: <u>20555 S.H. 249</u> <u>Legal Department, MC 110701</u> <u>Houston, TX</u> Country (if other than USA): _____ | | | | | | | | | | | |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>8/8/00 and 5/15/01, respectively</u> | | | | | | | | | | | | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/401,616</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: <u>PENNIE & EDMONDS LLP</u> <u>3300 Hillview Avenue</u> <u>Palo Alto, CA 94304</u> | | 6. Number of applications and patents involved: <u>1</u> | | | | | | | | | | | |
| | | 7. Total fee (37 CFR 3.41):\$ <u>40.00</u> Please charge to the deposit account listed in Section 8. | | | | | | | | | | | |
| | | 8. Deposit account number: <u>16-1150</u> | | | | | | | | | | | |
| DO NOT USE THIS SPACE | | | | | | | | | | | | | |
| 9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <table><tr><td><u>Gary S. Williams</u></td><td><u>31,066</u></td><td><u></u></td><td><u>September 26, 2001</u></td></tr><tr><td>Name of Person Signing</td><td>Reg. No.</td><td>Signature</td><td>Date</td></tr></table> <table><tr><td>Total number of pages including cover sheet:</td><td><u>7</u></td></tr></table> | | | | <u>Gary S. Williams</u> | <u>31,066</u> | <u></u> | <u>September 26, 2001</u> | Name of Person Signing | Reg. No. | Signature | Date | Total number of pages including cover sheet: | <u>7</u> |
| <u>Gary S. Williams</u> | <u>31,066</u> | <u></u> | <u>September 26, 2001</u> | | | | | | | | | | |
| Name of Person Signing | Reg. No. | Signature | Date | | | | | | | | | | |
| Total number of pages including cover sheet: | <u>7</u> | | | | | | | | | | | | |

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231



RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket Number
9772-0031-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

| | |
|---|---|
| <p>1. Name of conveying party(ies): Andrei Z. BroderMichael Mitzenmacher</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Compaq Computer Corporation</u></p> <p>Address: <u>20555 S.H. 249</u> <u>Legal Department, MC 110701</u> <u>Houston, TX</u></p> <p>Country (if other than USA): _____</p> |
| <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>8/8/00 and 5/15/01, respectively</u></p> | <p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) <u>09/401,616</u> B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>PENNIE & EDMONDS LLP 3300 Hillview Avenue Palo Alto, CA 94304</p> | <p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.</p> <p>8. Deposit account number: <u>16-1150</u></p> |

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary S. Williams
Name of Person Signing

31,066
Reg. No.

[Signature]
Signature

September 26, 2001
Date

Total number of pages including cover sheet:

7

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, WE, **ANDREI Z. BRODER**, a resident of Menlo Park, California, a citizen of the United States and **MICHAEL MITZENMACHER**, a resident of Belmont, Maryland, a citizen of the United States; (hereinafter "ASSIGNORS"), have invented certain new and useful improvements in **EFFICIENT, TRANSPARENT AND FLEXIBLE VALUE SAMPLING** having executed concurrently herewith an application for a United States patent disclosing and identifying the invention; which is identified by Pennie & Edmonds LLP docket no. 9772-0031-999; and

WHEREAS, **COMPAQ COMPUTER CORPORATION**, a corporation created and existing under and by virtue of the laws of the State of Delaware is (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the aforesaid application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries. to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said application for U.S. Letters Patent, and any and all divisions, continuations and renewals thereof, and any and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding on said Inventors, their heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, said Inventors have executed and delivered this instrument to said Assignee the day and year below written.

1.

Andrei Z. Broder

ANDREI Z. BRODER

State of California)

) SS.:

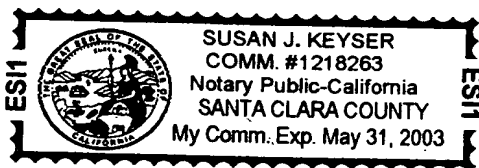
County of Santa Clara)

On this 8th day of August, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared Andrei Z. Broder personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Susan J. Keyser

Seal:



Notary Public.

MICHAEL MITZENMACHER

On this ____ day of _____, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared Michael Mitzenmacher, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Public.

JOINT

ASSIGNMENT

WHEREAS, WE, **ANDREI Z. BRODER**, a resident of Menlo Park, California, a citizen of the United States and **MICHAEL MITZENMACHER**, a resident of Lexington, Massachusetts, a citizen of the United States; (hereinafter "ASSIGNORS"), have invented certain new and useful improvements in **EFFICIENT, TRANSPARENT AND FLEXIBLE VALUE SAMPLING** having executed concurrently herewith an application for a United States patent disclosing and identifying the invention; which is identified by Pennie & Edmonds LLP docket no. 9772-0031-999; and

WHEREAS, **COMPAQ COMPUTER CORPORATION**, a corporation created and existing under and by virtue of the laws of the State of Delaware is (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the aforesaid application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries. to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said application for U.S. Letters Patent, and any and all divisions, continuations and renewals thereof, and any and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, said Inventors have executed and delivered this instrument to said Assignee the day and year below written.

1. _____

State of California)

County of _____) SS.:

ANDREI Z. BRODER

On this ____ day of _____, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared Andrei Z. Broder personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Seal:

Notary Public.

2.

not atty May 19, 2001

MICHAEL MITZENMACHER

State of ~~Maryland~~ Massachusetts
County of Middlesex) SS.:
)

On this 15th day of May, 2001, ~~2000~~, before me, a Notary Public in and for the State and County aforesaid, personally appeared Michael Mitzenmacher, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Caroline Marie Gavin
NOTARY PUBLIC
My commission expires Jan. 19, 2007

Caroline Marie Gavin

Notary Public.

